

Title: Methods of operation for Controlled Temperature Combustion Engines  
Using Gasoline-like Fuel, Particularly Multicylinder Homogenous  
Charge Compression Ignition (HCCI) Engines

Inventor: Charles L. Gray, Jr.

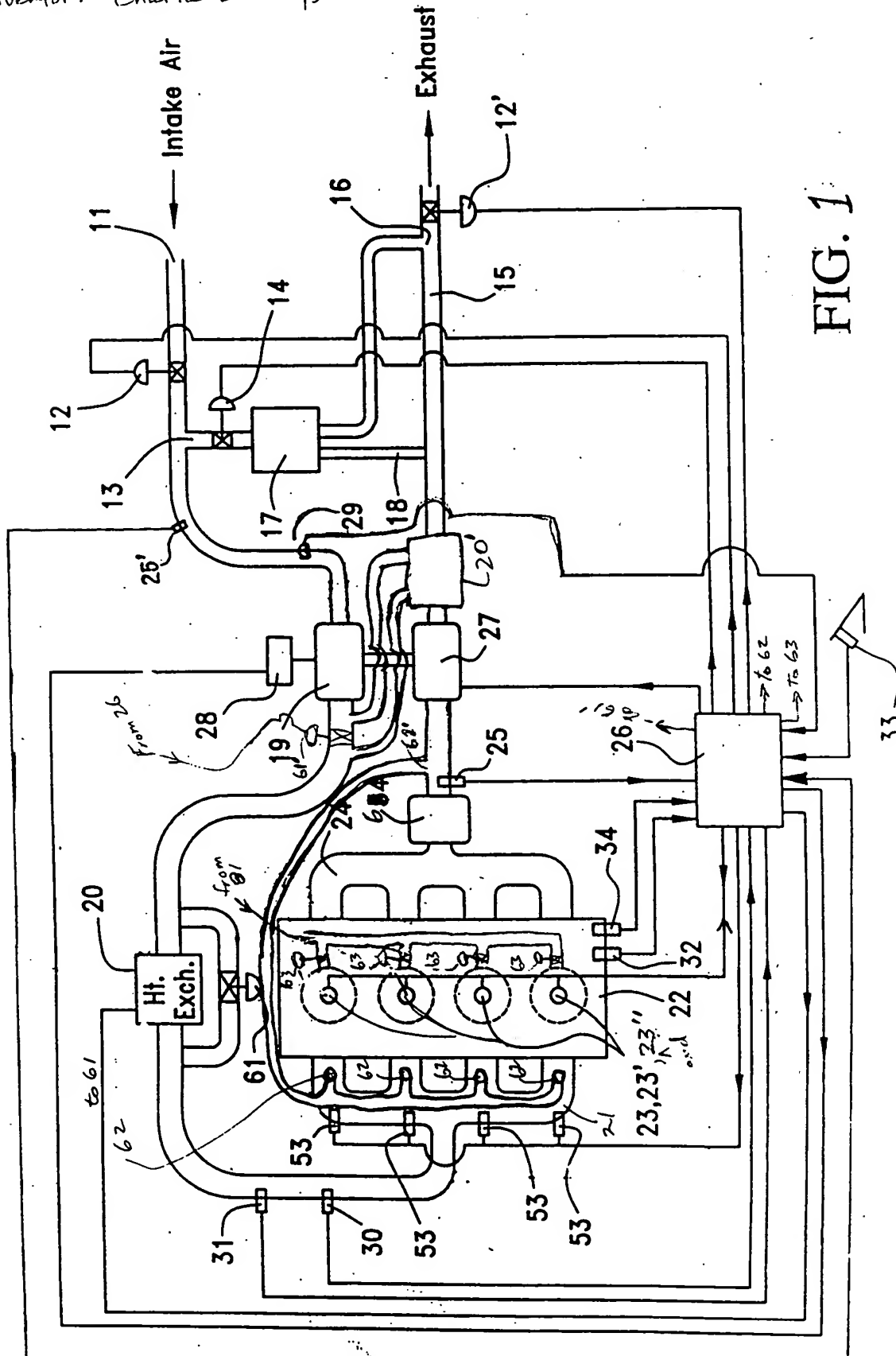


FIG. 1

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Controlled Temperature Combustion  
Engines Using Gasoline-like Fuel,  
Particularly Multicylinder Homogenous  
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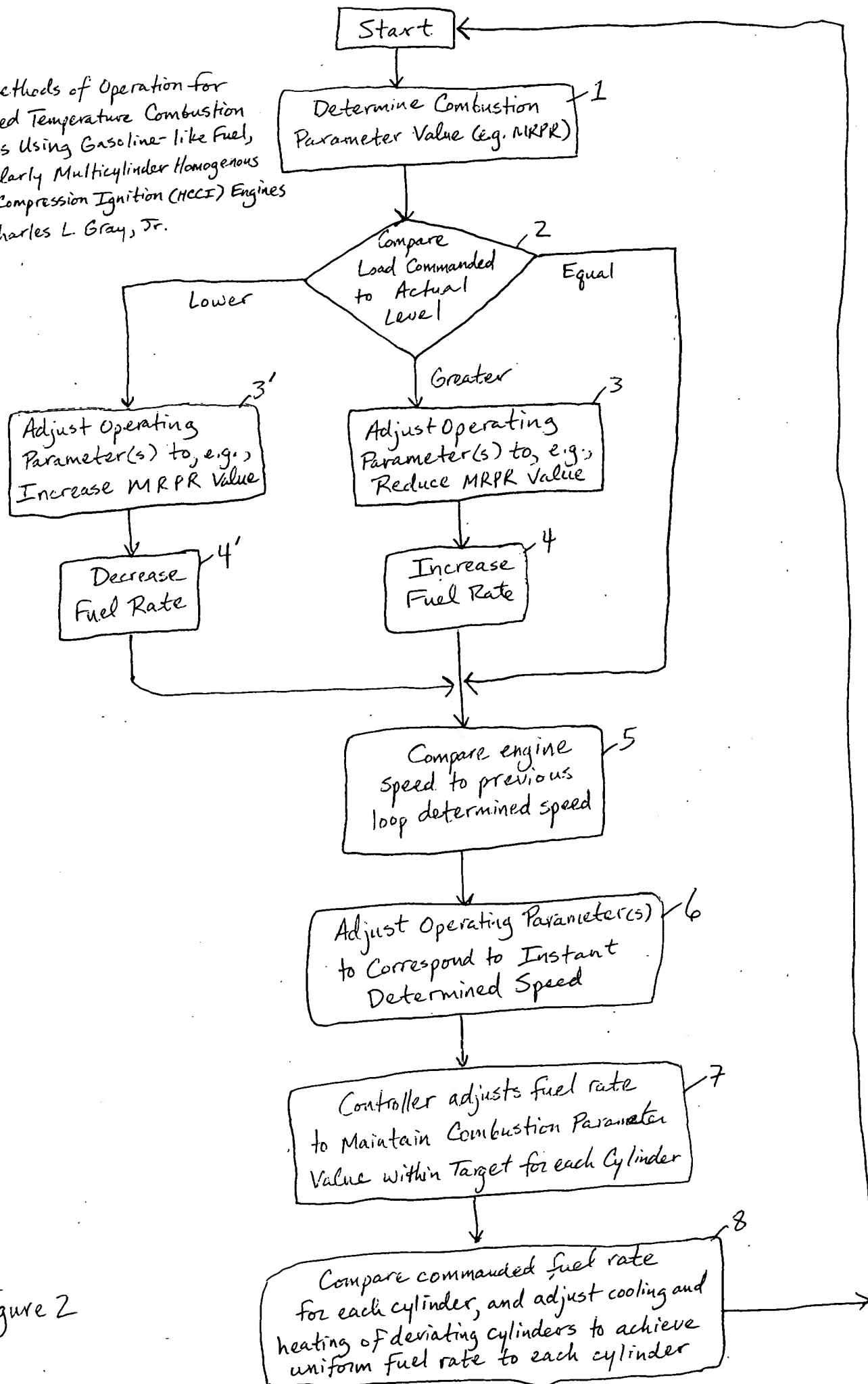
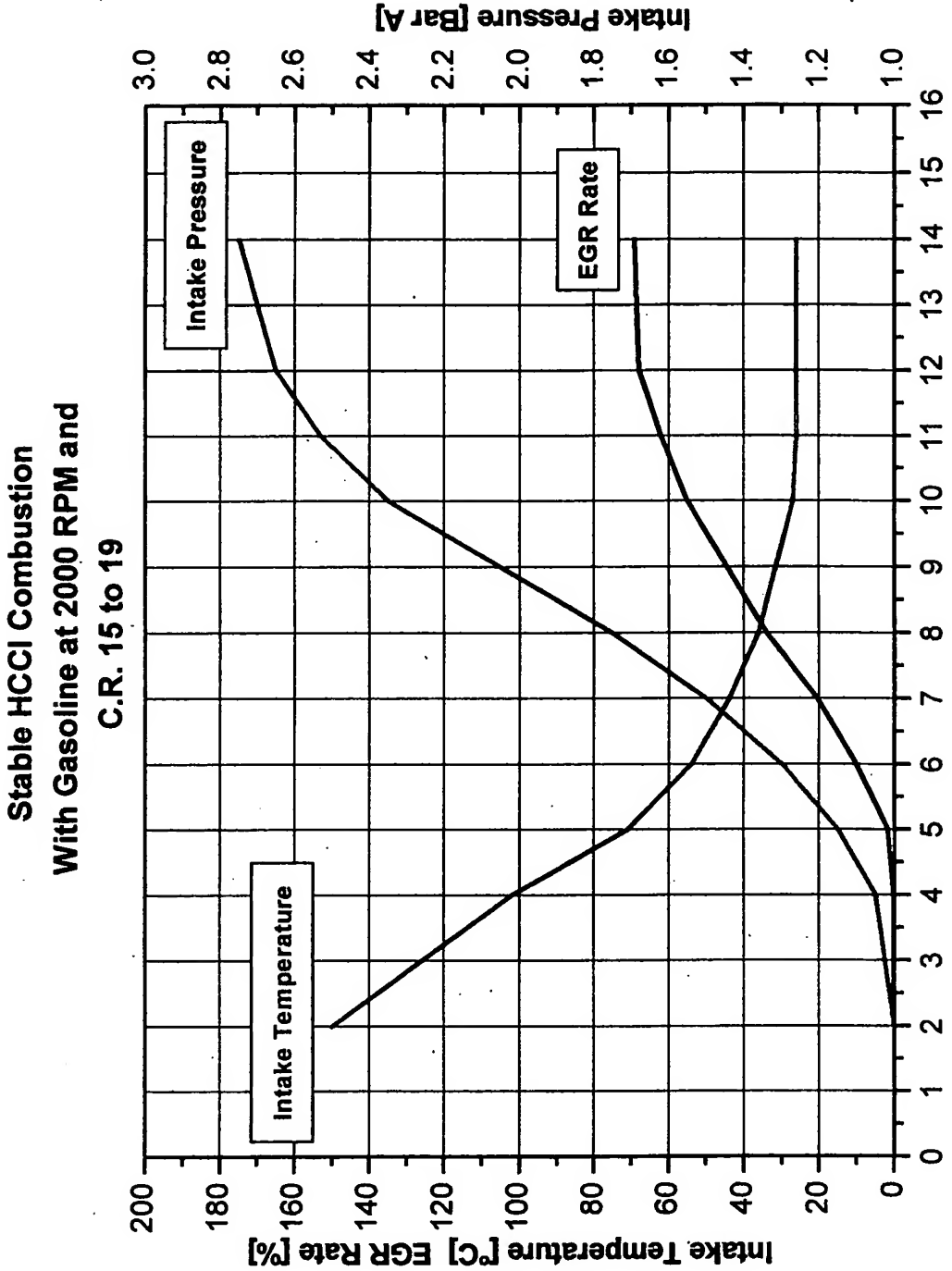


Figure 2

Title: Methods of Operation for Controlled Temperature Combustion Engines Using Gasoline-like Fuel, Particularly Multicylinder Homogenous Charge Compression Ignition (HCCI) Engines

Inventor: Charles L. Gray, Jr.



**BMEP [Bar]**  
**Figure 3**

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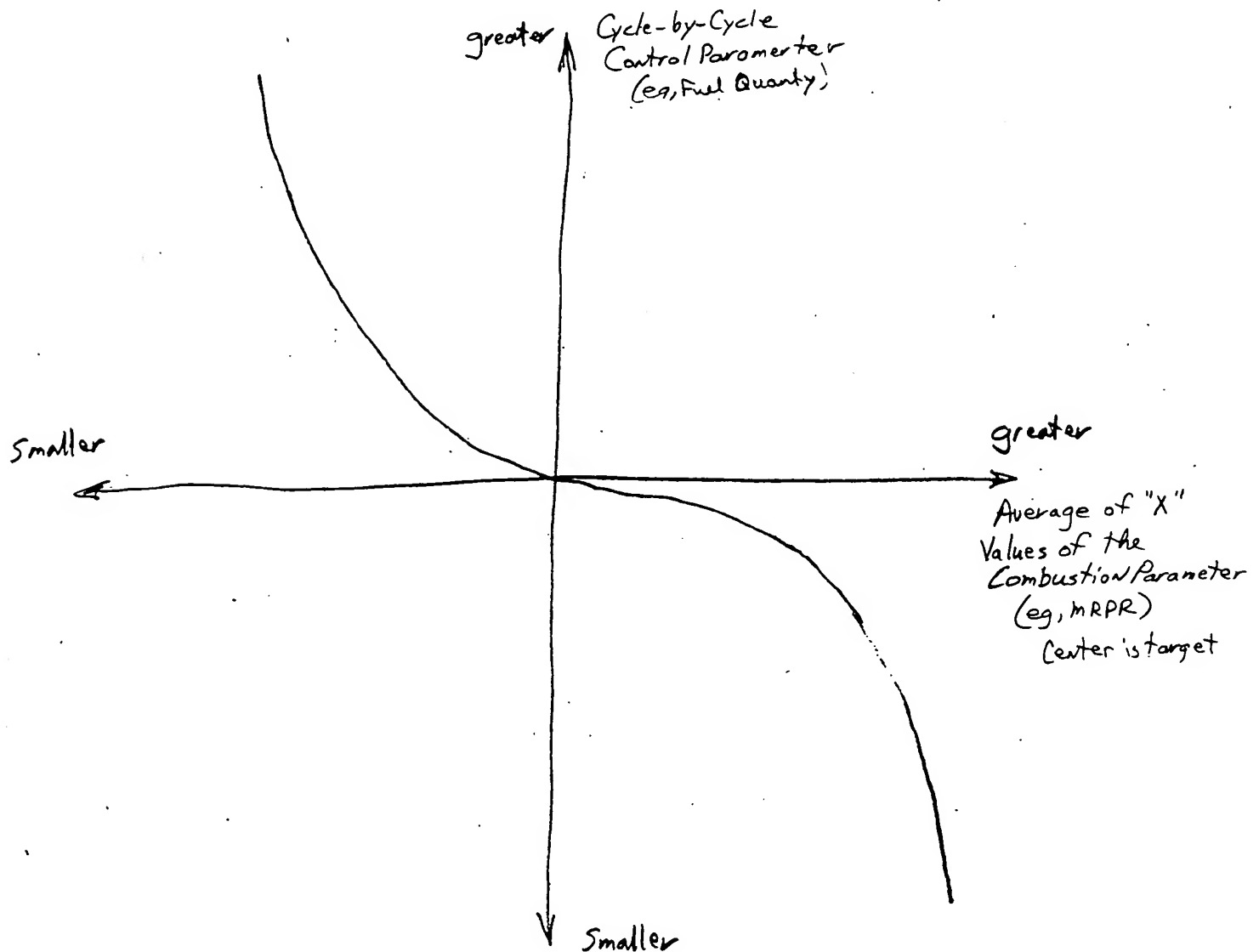


Fig. 4

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HCCI Open Loop Response (Cylinder 2)  
1200RPM @ 52Nm

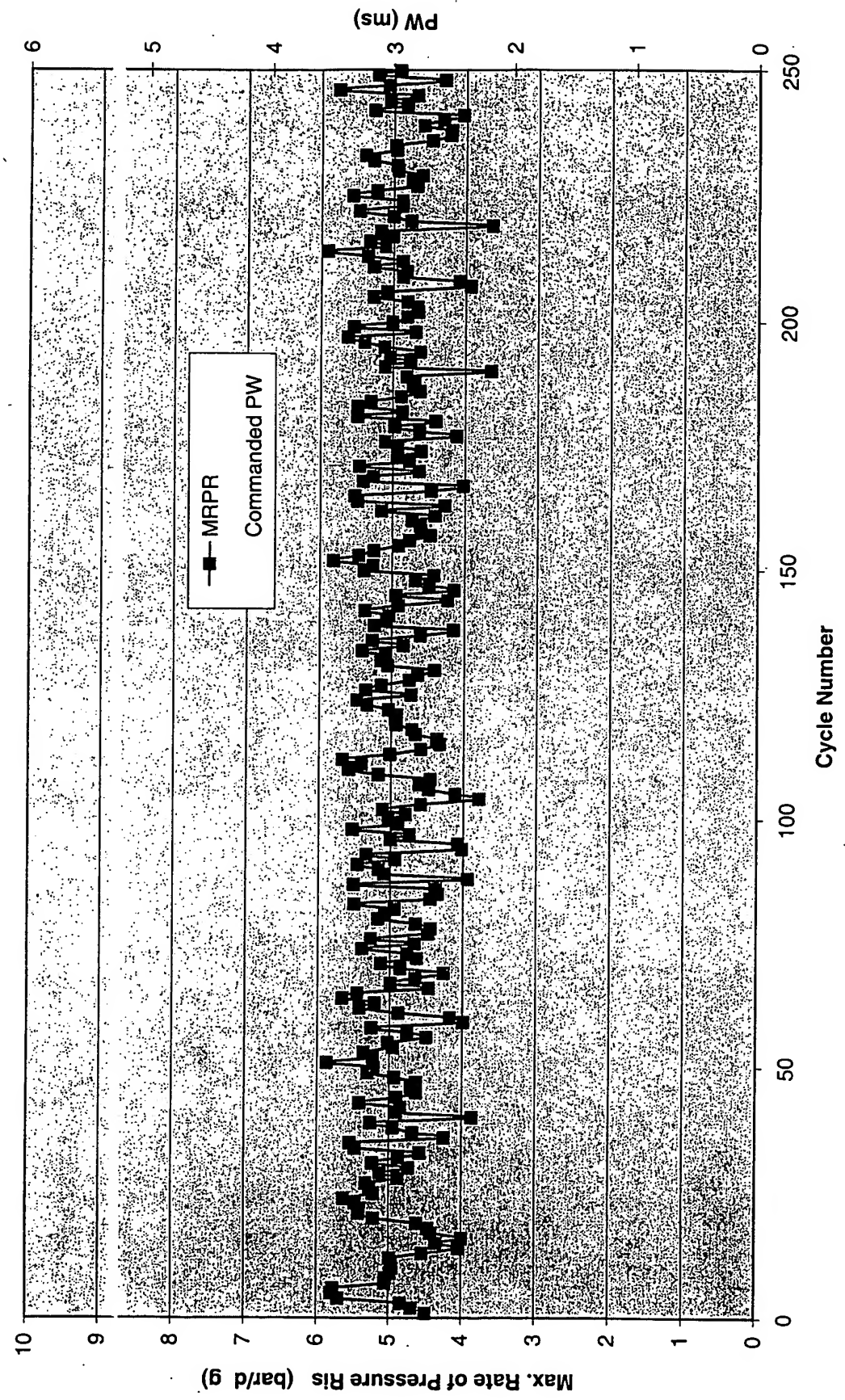


Fig. 45

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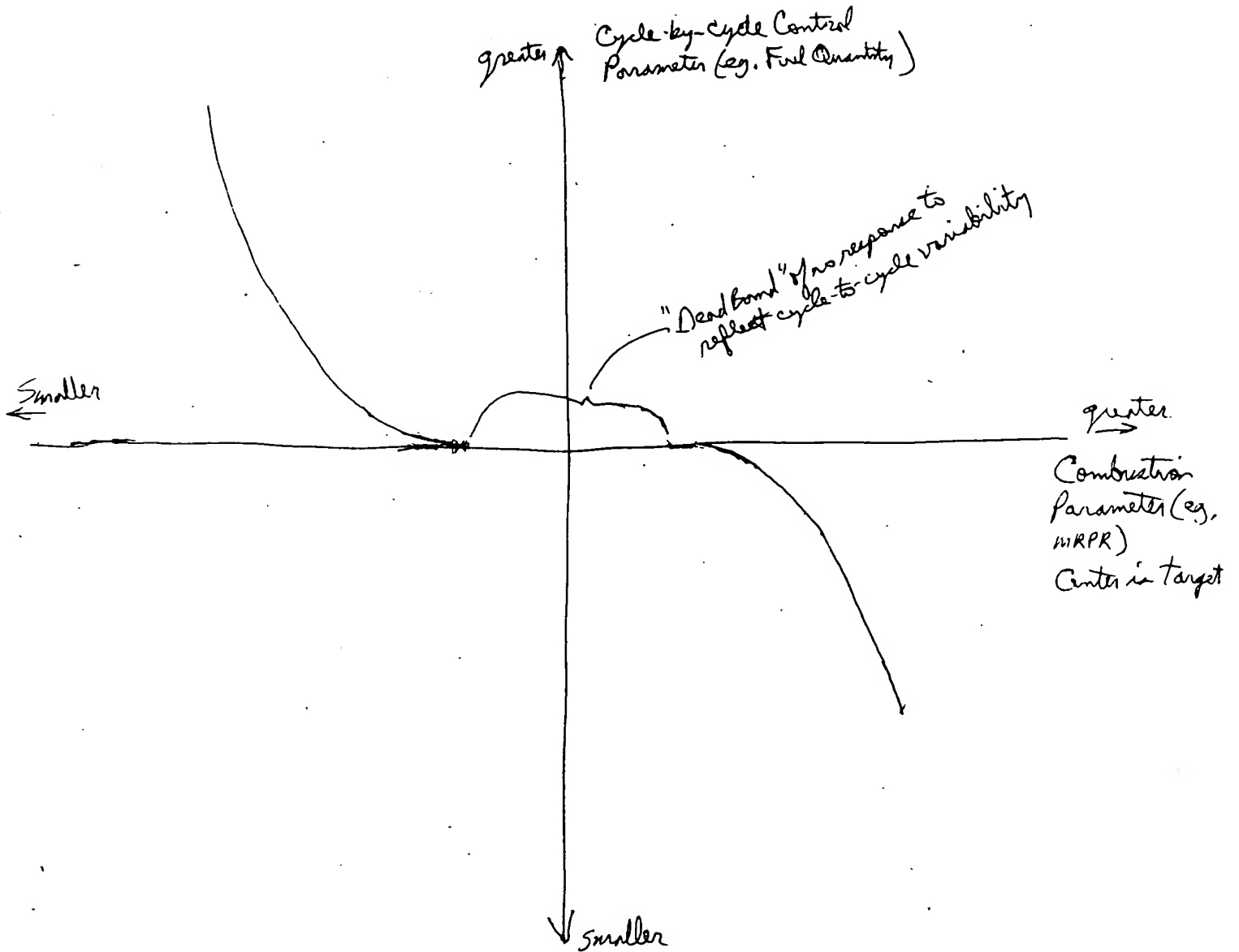


Fig. 6

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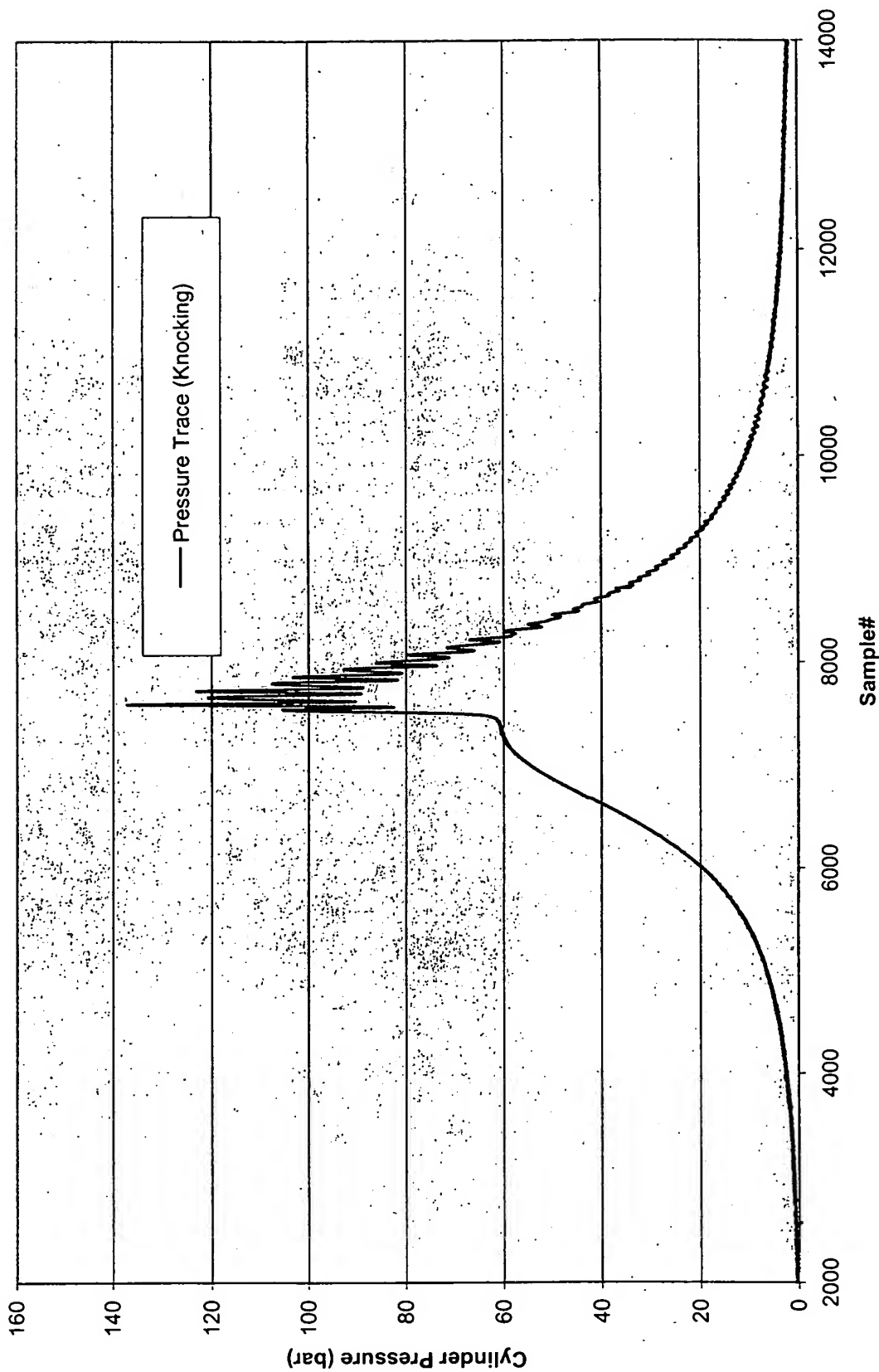


Fig. 7a

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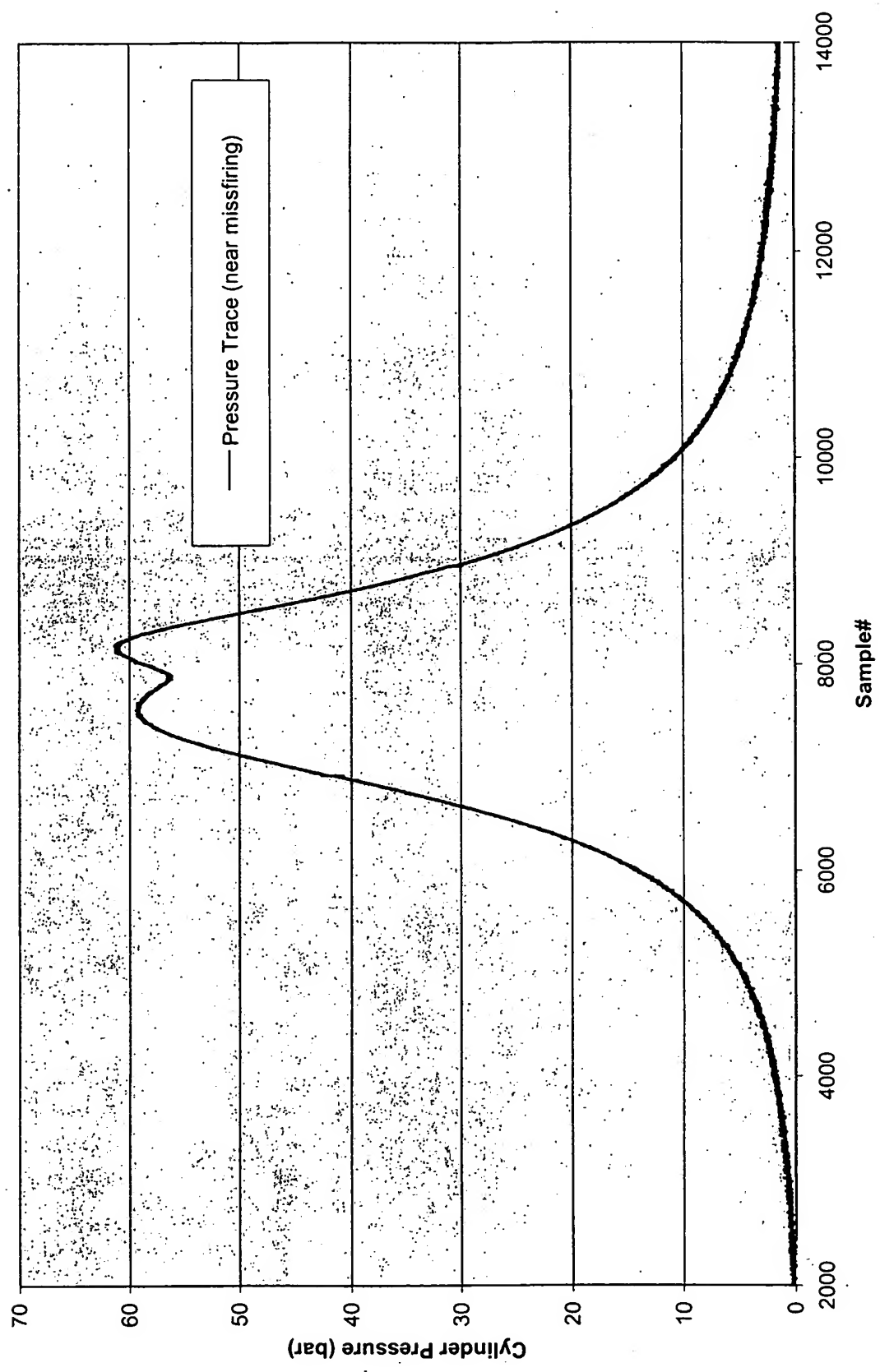


Fig. 76